

January 22, 1937

AIR CONDITIONING: PUBLICATIONS OF INTEREST

This Letter Circular gives a list of selected publications which may be of interest in connection with the general subject of air conditioning.

In the first group is given a list of nongovernmental periodicals and books dealing specifically with air conditioning for modern homes and buildings.

In the second group is given a list of publications by the members of the staff of the National Bureau of Standards, covering various phases of air conditioning (refrigeration, heating, etc.) and related subjects (insulation, building, fire prevention, etc.)

NONGOVERNMENTAL SOURCES OF INFORMATION

Periodicals

'Architectural Record', F. W. Dodge Corp., 119 West 40th St., New York, N. Y.

'Electric Refrigeration News', Business News Publishing Co., 554 Waccabees Bldg., Detroit, Michigan.

'Heating, Piping and Air Conditioning', Engineering Publications, Inc., 1900 Prairie Ave., Chicago, Ill.

'Heating and Ventilating', The Industrial Press, 140 Lafayette St., New York, N. Y.

'Refrigerating Engineering', American Society of Refrigerating Engineers, 37 West 39th St., New York, N. Y.

Books

'Air Conditioning', by James H. Moyer and Raymond U. Fittz, McGraw-Hill Book Co., Inc., 530 West 42nd St., New York, N. Y. \$4.00

'Guide', published annually by the American Society of Heating and Ventilating Engineers, 51 Madison Ave., New York, N.Y. \$5.00

"Heating, Ventilating and Air Conditioning", Louis A. Harding and Arthur C. Willard. J. Wiley & Sons, Inc., 440 4th Ave., New York, N. Y. \$10.00

"Refrigerating Data Book", American Society of Refrigerating Engineers, 37 West 29th St., New York, N. Y. \$3.50

The publications listed above may be consulted in many of the leading libraries or may be purchased from the publishers.

PUBLICATIONS OF THE NATIONAL BUREAU OF STANDARDS

For ready reference and convenience in ordering the separate papers of the Bureau, these have been listed with the serial letter and number in one column, and the price in the second column.

LC = Letter Circular -- mimeographed material obtainable free, upon request, from the National Bureau of Standards, Washington, D. C.

Where the price is noted, the publication may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. The prices quoted are for delivery to addresses in the United States and its possessions, and to Canada, Cuba, Mexico, Newfoundland, the Philippines, and the Republic of Panama. When remitting for delivery to countries other than those, include in your remittance one-third of the total cost of the publications to cover postage. Remittances should be made payable to the "Superintendent of Documents, Government Printing Office, Washington, D. C." and sent to him with the order.

C = Circular of the National Bureau of Standards

RP = Research Papers of the National Bureau of Standards. These are reprints of articles appearing in the 'Bureau of Standards Journal of Research' (BS J. Research) and the 'Journal of Research of the National Bureau of Standards' (J. Research NBS), the latter being the title of this periodical since July, 1934 (volume 1, number 1).

M = Miscellaneous Publication of the National Bureau of Standards

BP = Building and Housing Publication of the National Bureau of Standards

CS = Commercial Standard of the National Bureau of Standards.

OP = Out of print. Papers which are out of print can usually be consulted at the leading libraries of the larger cities.

A complete list of NBS publications (Circular No. 54 and Supplements) is generally available in the larger libraries.

Series Price

Title

Letter Circulars

LC60	Free	List of publications of the Bureau of Standards of interest in connection with accident prevention and safety (1922)
LC165	"	List of publications relating to fire resistance and fire prevention (1936)
LC284	"	List of publications and articles relating to home heating problems (1936)
LC287	"	List of published material on home building and maintenance (1935)
LC323	"	Standards and specifications for building materials (1936)
LC419	"	Information on refrigeration (1934)
LC420	"	Solid carbon dioxide (1934)
LC432	"	List of publications relating to building codes and construction, home building and maintenance, home ownership (1936)
LC445	"	Painting steam and hot-water radiators (1935)
LC465	"	Aluminum foil insulation (1936)
LC469	"	List of publications on temperature measurements (1936)
LC471	"	Thermal insulation (1936)
LC472	"	Domestic electric and gas refrigerators (1936)

<u>Series</u>	<u>Price</u>	<u>Title</u>
<u>Circulars</u>		
C142	15¢	Tables of thermodynamic properties of ammonia, Cir. 38, C142 (1923)
C376	5¢	Thermal insulation of buildings, Cir. 38, C376 (1925)
C397	15¢	Safety for the household, Cir. 38, C397 (1932)
<u>Research Papers</u>		
RP243	OP	Mechanism of heat flow in fibrous materials. J. I. Finck, BC J. Research <u>5</u> , 373 (1930).
RP291	OP	Heat transfer through building walls. A. S. Van Dusen and J. I. Finck. BC J. Research <u>6</u> , 493 (1931)
RP596	5¢	Fire hazard of domestic heating installations. G. A. Voigt. BC J. Research <u>11</u> , 353 (1933)
RP633	5¢	Reactions of lithographic papers to variations in humidity and temperature. C. G. Weber and I. W. Snyder. BC J. Research <u>12</u> , 53 (1934)
RP850	5¢	Treatment of offset papers for optimum register. Charles C. Weber and Martin W. V. Geib. J. Research <u>15</u> , 93 (1936)
<u>Miscellaneous Publications</u>		
M76	10¢	Collier chart, properties of ammonia. Misc. Pub. 38, M76 (1927)
M112	10¢	Manufacture of insulating board from cornstalks. Misc. Pub. 38, M112 (1930)
M128	OP	A survey of storage conditions in libraries relative to preservation of records. A. E. Kimberly and J. F. O. Hicks, Jr. Misc. Pub. 38, 138 (1931)
M140	5¢	A study of the deterioration of book papers in libraries. A. E. Kimberly and A. I. Emley. Misc. Pub. 38, M140 (1933)

<u>Series</u>	<u>Price</u>	<u>Title</u>
Miscellaneous Publications (Continued)		
M142	5¢	A study of the removal of sulphur dioxide from library air. A. E. Kimberly and A. L. Emley. Misc. Pub. BS, M142 (1933)
M143	5¢	Psychrometric charts. D. B. Brooks. Misc. Pub. BS, M143 (1933)
M144	OP	Summary report of Bureau of Standards research on preservation of records. A. E. Kimberly and B. W. Scribner. Misc. Pub. BS, M144 (1934)
M146	5¢	Psychrometric charts for high and low pressures. D. B. Brooks. Misc. Pub. BS, M146 (1935)
<u>Building and Housing</u>		
BH14	10¢	Recommended minimum requirements for fire resistance in buildings. Bldg. & Hous. BS, BH14 (1931)
BH18	10¢	Recommended minimum requirements for small dwelling construction. Bldg. & Hous. BS, BH18 (1932)
<u>Commercial Standards</u>		
CS12	5¢	Fuel oils. Com. Std. BS, CS12 (3rd ed.) (1935)
CS42	5¢	Fiber insulating board. Com. Std. BS, CS42 (2nd ed.) (1932)
CS48	5¢	Domestic burners for Pennsylvania anthracite (underfeed type). Com. Std. NBS, CS48 (1934)

